

# Fertilizers and Chemicals Applied: 2007 and 2002①

## Manure

Geography	Land Area in Square Miles ②	2007 Acres Treated	2007 Square Miles Treated ③	% of Land Area Treated ④	2002 Acres Treated	2002 Square Miles Treated ③	% of Land Area Treated ④	% of Increase or Decrease ⑤
Adair County	567	3,064	5	0.84%	2,030	3	0.56%	0.28%
Andrew County	436	2,591	4	0.93%	2,776	4	0.99%	-0.07%
Atchison County	560	639	1	0.18%	666	1	0.19%	-0.01%
Audrain County	692	7,653	12	1.73%	10,164	16	2.29%	-0.57%
Barry County	773	39,181	61	7.92%	45,415	71	9.18%	-1.26%
Barton County	597	13,462	21	3.52%	13,715	21	3.59%	-0.07%
Bates County	849	7,937	12	1.46%	5,614	9	1.03%	0.43%
Benton County	729	6,632	10	1.42%	8,148	13	1.75%	-0.32%
Bollinger County	621	4,186	7	1.05%	1,515	2	0.38%	0.67%
Boone County	687	3,385	5	0.77%	2,498	4	0.57%	0.20%
Buchanan County	409	1,809	3	0.69%	1,968	3	0.75%	-0.06%
Butler County	698	849	1	0.19%	834	1	0.19%	0.00%
Caldwell County	431	1,773	3	0.64%	1,690	3	0.61%	0.03%
Callaway County	842	6,179	10	1.15%	3,452	5	0.64%	0.51%
Camden County	641	2,276	4	0.55%	1,148	2	0.28%	0.27%
Cape Girardeau County	577	7,073	11	1.92%	8,200	13	2.22%	-0.31%
Carroll County	695	4,300	7	0.97%	4,069	6	0.91%	0.05%
Carter County	509	1,728	3	0.53%	274	0	0.08%	0.45%
Cass County	702	7,381	12	1.64%	5,493	9	1.22%	0.42%

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Cedar County	471	2,830	4	0.94%	6,267	10	2.08%	-1.14%
Chariton County	758	3,899	6	0.80%	1,953	3	0.40%	0.40%
Christian County	564	4,771	7	1.32%	2,657	4	0.74%	0.59%
Clark County	507	2,901	5	0.89%	3,012	5	0.93%	-0.03%
Clay County	403	1,319	2	0.51%	1,802	3	0.70%	-0.19%
Clinton County	423	1,410	2	0.52%	1,593	2	0.59%	-0.07%
Cole County	392	9,399	15	3.75%	3,709	6	1.48%	2.27%
Cooper County	566	6,248	10	1.72%	5,524	9	1.52%	0.20%
Crawford County	744	2,630	4	0.55%	—	---	---	---
Dade County	491	15,728	25	5.01%	9,802	15	3.12%	1.89%
Dallas County	543	11,427	18	3.29%	10,071	16	2.90%	0.39%
Daviess County	568	5,593	9	1.54%	1,477	2	0.41%	1.13%
DeKalb County	425	3,640	6	1.34%	3,491	5	1.28%	0.05%
Dent County	755	1,329	2	0.28%	408	1	0.08%	0.19%
Douglas County	814	4,991	8	0.96%	2,627	4	0.50%	0.45%
Dunklin County	547	569	1	0.16%	(D)	---	---	---
Franklin County	922	9,313	15	1.58%	18,612	29	3.15%	-1.58%
Gasconade County	521	6,368	10	1.91%	8,833	14	2.65%	-0.74%
Gentry County	493	4,144	6	1.31%	4,530	7	1.44%	-0.12%

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Greene County	678	6,351	10	1.46%	8,716	14	2.01%	-0.55%
Grundy County	437	2,871	4	1.03%	602	1	0.22%	0.81%
Harrison County	725	4,903	8	1.06%	4,492	7	0.97%	0.09%
Henry County	729	6,027	9	1.29%	20,657	32	4.43%	-3.14%
Hickory County	411	2,290	4	0.87%	5,250	8	2.00%	-1.13%
Holt County	456	836	1	0.29%	2,491	4	0.85%	-0.57%
Howard County	464	622	1	0.21%	936	1	0.32%	-0.11%
Howell County	927	11,521	18	1.94%	8,397	13	1.42%	0.53%
Iron County	552	563	1	0.16%	345	1	0.10%	0.06%
Jackson County	611	1,756	3	0.45%	699	1	0.18%	0.27%
Jasper County	641	15,569	24	3.80%	13,276	21	3.24%	0.56%
Jefferson County	668	2,672	4	0.63%	1,530	2	0.36%	0.27%
Johnson County	834	13,148	21	2.46%	8,824	14	1.65%	0.81%
Knox County	507	4,546	7	1.40%	4,744	7	1.46%	-0.06%
Laclede County	770	6,075	9	1.23%	11,441	18	2.32%	-1.09%
Lafayette County	632	13,857	22	3.43%	3,428	5	0.85%	2.58%
Lawrence County	614	26,965	42	6.86%	32,429	51	8.25%	-1.39%
Lewis County	508	3,925	6	1.21%	7,434	12	2.29%	-1.08%
Lincoln County	627	3,206	5	0.80%	6,227	10	1.55%	-0.75%

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Linn County	620	5,929	9	1.49%	7,302	11	1.84%	-0.35%
Livingston County	537	1,880	3	0.55%	3,473	5	1.01%	-0.46%
McDonald County	541	21,812	34	6.30%	24,279	38	7.01%	-0.71%
Macon County	797	8,574	13	1.68%	4,328	7	0.85%	0.83%
Madison County	497	1,754	3	0.55%	1,460	2	0.46%	0.09%
Maries County	528	4,573	7	1.35%	7,455	12	2.21%	-0.85%
Marion County	438	3,205	5	1.14%	5,630	9	2.01%	-0.87%
Mercer County	454	5,583	9	1.92%	1,334	2	0.46%	1.46%
Miller County	593	10,934	17	2.88%	7,916	12	2.09%	0.80%
Mississippi County	410	(D)	---	---	(D)	---	---	---
Moniteau County	417	15,611	24	5.85%	11,836	18	4.43%	1.41%
Monroe County	670	5,166	8	1.20%	3,402	5	0.79%	0.41%
Montgomery County	540	3,935	6	1.14%	8,494	13	2.46%	-1.32%
Morgan County	594	27,486	43	7.23%	18,322	29	4.82%	2.41%
New Madrid County	679	630	1	0.14%	3,474	5	0.80%	-0.65%
Newton County	627	24,302	38	6.06%	21,612	34	5.39%	0.67%
Nodaway County	875	4,940	8	0.88%	3,728	6	0.67%	0.22%
Oregon County	792	1,394	2	0.28%	2,312	4	0.46%	-0.18%
Osage County	606	18,586	29	4.79%	12,557	20	3.24%	1.55%

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Ozark County	731	3,122	5	0.67%	1,349	2	0.29%	0.38%
Pemiscot County	517	(D)	---	---	343	1	0.10%	---
Perry County	473	4,451	7	1.47%	2,716	4	0.90%	0.57%
Pettis County	686	24,374	38	5.55%	22,087	35	5.03%	0.52%
Phelps County	674	2,049	3	0.48%	3,562	6	0.83%	-0.35%
Pike County	673	5,795	9	1.35%	6,053	9	1.41%	-0.06%
Platte County	421	1,736	3	0.64%	1,186	2	0.44%	0.20%
Polk County	642	11,631	18	2.83%	5,355	8	1.30%	1.53%
Pulaski County	551	405	1	0.11%	900	1	0.26%	-0.14%
Putnam County	520	4,622	7	1.39%	3,029	5	0.91%	0.48%
Ralls County	481	3,442	5	1.12%	4,029	6	1.31%	-0.19%
Randolph County	473	2,442	4	0.81%	1,966	3	0.65%	0.16%
Ray County	568	3,690	6	1.02%	1,629	3	0.45%	0.57%
Reynolds County	808	1,287	2	0.25%	-	---	---	---
Ripley County	632	1,985	3	0.49%	(D)	---	---	---
Saint Charles County	558	3,211	5	0.90%	3,139	5	0.88%	0.02%
Saint Clair County	698	4,110	6	0.92%	6,346	10	1.42%	-0.50%
Sainte Genevieve County	504	4,666	7	1.45%	3,946	6	1.22%	0.22%
Saint Francois County	451	2,916	5	1.01%	2,543	4	0.88%	0.13%

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Saint Louis County	505	342	1	0.11%	337	1	0.10%	0.00%
Saline County	755	6,081	10	1.26%	3,072	5	0.64%	0.62%
Schuyler County	308	2,298	4	1.17%	5,278	8	2.68%	-1.51%
Scotland County	439	8,028	13	2.86%	5,495	9	1.96%	0.90%
Scott County	423	6,886	11	2.54%	2,918	5	1.08%	1.47%
Shannon County	1,004	713	1	0.11%	3,116	5	0.48%	-0.37%
Shelby County	501	5,397	8	1.68%	6,603	10	2.06%	-0.38%
Stoddard County	815	6,271	10	1.20%	13,077	20	2.51%	-1.30%
Stone County	451	6,159	10	2.13%	1,998	3	0.69%	1.44%
Sullivan County	651	11,165	17	2.68%	1,507	2	0.36%	2.32%
Taney County	608	1,225	2	0.31%	807	1	0.21%	0.11%
Texas County	1,180	6,584	10	0.87%	5,113	8	0.68%	0.19%
Vernon County	837	12,675	20	2.37%	8,224	13	1.54%	0.83%
Warren County	429	3,477	5	1.27%	3,590	6	1.31%	-0.04%
Washington County	762	1,572	2	0.32%	1,526	2	0.31%	0.01%
Wayne County	763	10,966	17	2.25%	481	1	0.10%	2.15%
Webster County	594	11,350	18	2.99%	9,821	15	2.58%	0.40%
Worth County	266	1,790	3	1.05%	2,107	3	1.24%	-0.19%
Wright County	682	7,712	12	1.77%	7,962	12	1.82%	-0.06%

## Fertilizers and Chemicals Applied: 2007 and 2002<sup>①</sup>

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Saint Louis City <sup>⑥</sup>	61	---	---	---	---	---	---	---
Statewide	69,709	711,625	1,112	1.60%	650,193	1,016	1.46%	0.14%

**PRIMARY DATA SOURCE:** 2007 Census of Agriculture, United States Department of Agriculture (USDA), National Agricultural Statistics Service (NASS): Missouri State and County Data, Volume 1, Geographic Area Series, Part 25, [AC-07-A25], Table 42: Issued February 2009, Updated December 2009

<sup>①</sup> 2002 data are based on a sample of farms

<sup>②</sup> Land Area in Square Miles value is obtained from the Missouri Secretary of State's Missouri Roster

<sup>③</sup> Square Miles Treated value is obtained by calculating Acres Treated value \* 0.0015625

<sup>④</sup> % of Land Area Treated value is obtained by calculating Square Miles Treated value/Land Area in Square Miles value

<sup>⑤</sup> % of Increase or Decrease value is obtained by calculating 2002 % of Land Area Treated Value -2007 % of Land Area Treated Value

<sup>⑥</sup> The USDA/NASS census definition of a farm is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The definition is consistent with the definition used for current USDA surveys and was first used for the 1974 *Census of Agriculture*; and has been used in each subsequent agriculture census. St. Louis City does not contain any property(ies) that currently meet this definition per USDA.

(D) Withheld to avoid disclosing data for individual farms, per USDA/NASS.